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DEVELOPMENTS IN USSR FORESTRY, TIMBER PRODUCTION, DISTRIBUTION

EXAMINATIONS BEGIN IN TEKHNIKUMS -- Tallin, Sovetskaya Estoniya, 7 Aug 52

Examinations have begun in the tekhnikums of the Ministry of Forestry; 2,200 students are being examined, considerably more than last year. An overwhelming majority of the prospective graduated, 1,810 students, are foresters.

All graduates have had 3 months' experience in actual productive work before the examinations. They worked in forestry managements, shelter belt stations, state forestry nurseries, and also in expeditions and forest organization parties.

Preparations for the new school year are now under way in all 24 forestry tekhnikums. A new tekhnikum is being opened in Stalingrad; it will train specialists in oak forest culture.

NEW TYPES OF EUCALYPTUS TREES DEVELOPED -- Kiev, Pravda Ukrainy, 23 Aug 52

Two years ago, a base of the Main Botanical Garden of the Academy of Sciences USSR was organized in Sochi. Its workers concentrated their attention on the development of new types of eucalyptus trees. The base now has the richest collection in the USSR of natural and hybrid varieties of eucalyptus trees.

More than 5,000 young plants have been sent to the Crimea, Zakarpatskaya Oblast, and the Moldavian SSR. Experimental plantings have been made in the Adlerskiy and Lazerevskiy areas of the Kuban. This autumn, a large shipment of hybrid eucalyptus trees will be sent to new subtropical agricultural regions. Five thousand young eucalyptus trees have been prepared for planting along the streets of Sochi.

INCREASE IN INDUSTRIALLY VALUABLE TREES -- Pravda Ukrainy, 26 Aug 52

Forestry managements and shelter belt stations of Odesskaya and Izmail'skaya oblasts are planting every year a greater number of industrially valuable, fast-growing trees and bushes. In 1952, nut trees, spindle trees (Euonymus), smoke trees, and mulberry, pear, apple, apricot, plum, and other trees were planted on an area of over 3,000 hectares.

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In 1953, an even greater area will be planted in industrially valuable trees and bushes.

**TIMBER PRODUCTION RISES -- Moscow, Lesnaya Promyshlennost', 24 Aug 52**

Thus far during the third quarter 1952, timber-felling enterprises in the Karelo-Finnish SSR have hauled almost 150,000 more cubic meters of timber than in the corresponding period of 1951. In many enterprises, the daily average output per worker shows a considerable increase over the winter average.

**TIMBER FLOATING SEASON NEARS END -- Petrozavodsk, Leninskoye Znamya, 21 Aug 52**

By 15 August, the floating offices of the Ministry of Timber Industry Karelo-Finnish SSR had floated more than 3.5 million cubic meters of timber. Floating operations were entering their final stage in most basins. Floating was completed on 111 out of 142 rivers and on 122 out of 140 lakes.

**NEW RAFT CONSTRUCTION MACHINE DEVELOPED -- Pravda Ukrainy, 13 Jul 52**

B. M. Prokof'yev, K. Ya. Mettuz, and G. A. Paustovskiy, engineers of the Central Scientific Research Institute of Timber Floating, have invented a new raft-construction machine, TSL-2, for the formation of timber rafts that can be towed through large reservoirs.

The TSL-2 machine is 1.5 times more productive than existing river timber-rafting machines. It can combine 2,200 meters of timber in an 8-hour period.

The new machine has successfully passed trial tests. Rafts constructed with its help have been successfully towed in storms on Lake Ladoga. The machine will be put into serial production.

**TIMBER EXPERT DIES -- Leninskoye Znamya, 29 Aug 52**

I. V. Pervozvanskiy, one of the outstanding experts in timber industry planning and economics in the Karelo-Finnish SSR, died 27 August 1952.

He held many important posts in the timber industry. From 1931 to 1948, he had a leading position in the Gosplan of the Karelo-Finnish SSR. He was senior engineer of the Timber Industry Division and head of the Division of Natural Resources. Since 1948, he was a scientific worker of the Economic Division, Karelo-Finnish Affiliate, Academy of Sciences USSR. He wrote more than 20 scientific works on the development of the economy of the Karelo-Finnish SSR.

**STEADY RISE IN TIMBER FLOATING -- Moscow, Izvestiya, 1 Aug 52**

Timber floating shows yearly increases in Arkhangel'skaya Oblast. It is being conducted this year on 239 small and large rivers. Jam areas already have collected over 500,000 cubic meters of timber more than last year.

Jam areas have mechanized their most laborious processes. Dozens of steamboats are employed in the towing of rafts on the Severnaya Dvina and Vychegda rivers.

**NEW LUMBER-DRYING INSTALLATION INVENTED -- Izvestiya, 7 Aug 52**

The Arkhangel'sk Sawmill imeni Lenin has been equipped with a special chamber for drying lumber by means of high-frequency electric current in combination with steam.

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The new installation was constructed by workers of the Central Scientific Research Laboratory of the Northwestern Timber Trust. It is the third such installation constructed by the Ministry of the Timber Industry USSR. Experience acquired in the building of the first installation was used in its construction. The new method shortens the drying period from 15 to 3 days and guarantees a better quality of wood.

FIRST RAFT NAVIGATES VOLGA-DON CANAL -- Ashkhabad, Turkmeneskaya Iskra, 8 Aug 52

On 5 August, the first timber raft, with a volume of 800 cubic meters, entered the Volga-Don Canal. Three hours later, it was followed by another raft of the same volume.

These rafts passed through the canal without mishap. Their successful passage through the Volga-Don Canal is a tribute to the high skill of the ship line workers and canal operators.

The rafts were towed by diesel ship through the Tsimlyanskoye reservoir.

Several rafts which have just arrived from the upper Kama River are now passing through the canal.

It is expected that more than 300 rafts will pass through the canal in the near future.

SHIPMENTS TO CONSTRUCTION PROJECTS -- Moscow, Pravda, 14 Aug 52

Timber-floating workers in the Lake Baykal region have forwarded to the great construction projects of Communism thousands of cubic meters of high quality timber. Competition is developing among steamships in the towing of rafts.

The crew of the steamship Kommunist recently achieved a significant production victory when it reached the source of the Angara River with a 10,000-cubic-meter raft. This is the highest floating record ever achieved in the Lake Baykal region.

NEW MACHINES BOOST KAMCHATKA OUTPUT -- Pravda Ukrainy, 22 Jul 52

Timber enterprises operating this summer in Kamchatka have received large shipments of powerful tractors, electric saws, winches, and other highly productive machines. This has made possible a considerable increase in felling this summer.

Workers of the Kafan Logging Center of Khorskiy Timber Management are hauling tens of thousands cubic meters more timber than was planned. The highly mechanized workers of the Durmin, Sita, and Reshayushchiy logging centers of Oborskiy Timber Management are felling timber on the August plan.

By 21 July, almost 800,000 more cubic meters timber had been felled in Khabarovskiy Kray than by the same date 1951.

NEW APPOINTMENT IN GEORGIAN SSR -- Tbilisi, Zarya Vostoka, 18 Jul 52

L. K. Parzhandze has been appointed First Deputy Minister of Forestry Georgian SSR. He has been relieved from his former post of Deputy Chairman of the Gosplan, Council of Ministers Georgian SSR, so that he may assume his new duties.

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## STEADY RISE OF MECHANIZATION -- Yerevan, Kommunist, 22 Aug 52

Mechanization of timber felling and haulage increases from year to year in Armenian SSR. Electricity has reached the heart of the forest. Mobile electric power plants each drive eight to ten electric saws. Shidding tractors haul timber to mechanized loading platforms.

During the first 6 months of this year, with the help of machines, almost as much timber has been felled as during all of last year.

## MECHANIZATION GAINS IN KIRGIZ SSR -- Frunze, Sovetskaya Kirgiziya, 19 Aug 52

The laborious processes in felling and bucking timber in Kirgiz SSR are being mechanized. The first 15 electric saws, use of which will increase labor productivity 3 times, have recently arrived. The saws will be powered by mobile electric power plants. Special operators are being trained for the new machines.

## PAPER WORKERS TOP PLAN FIGURE -- Moscow, Trud, 1 Jul 52

Workers in the Mayak Revolutsi Paper Factory have produced 164 tons of high grade paper and 400,000 student notebooks above plan during the first half of 1952. Stakhanovite competition has caused a 10-percent increase in the speed of all paper-making machines. A campaign has begun for higher quality production.

## NEW EQUIPMENT INCREASES PAPER OUTPUT -- Moscow, Moskovskaya Pravda, 19 Jul 52

The Novyye Verki Paper Factory is using a new papermaking machine which has significantly increased the capacity of the factory.

The paper industry is developing successfully in Latvian SSR. All enterprises have been furnished with a great deal of new equipment.

The Petrashyunskiy Factory imeni Yu. Yanonisa is now producing 1.5 times as much paper as in bourgeois times, and it has completed mechanization of all basic productive processes.

## NEW PAPER MACHINE IN OPERATION -- Leninskoye Znanya, 23 Jul 52

A fourth papermaking machine, with a projected capacity of more than 13 tons of paper in a 24-hour period, has been placed in operation in the paper factory of the Kharlu Combine. The new machine is being operated by the best brigades in the combine. They have already finished production of the first 10 tons of high-quality perforated-card paper.

## FURNITURE ORDER FINISHED MONTH AHEAD OF TIME -- Moscow, Moskovskaya Pravda, 13 Aug 52

The workers of the Moscow Furniture Factory No 1 have finished a month ahead of time an order from the builders of the high Moscow State University building. A massive walnut table 8 meters long and 52 polished walnut chairs have been prepared for the conference room of the Palace of Science.

The factory is now manufacturing furniture for the assembly hall. The first shipment of oak chairs has already been sent to the warehouse of the enterprise. The chairs are upholstered in orange plush.

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The cabinet makers have pledged to finish 720 chairs by the end of August. Competition is developing for the production of better quality furniture.

The pieces of furniture produced are being finished with lacquers which resist moisture, changes in temperature, and sunlight.

TIMBER INDUSTRY PRODUCTION DATA -- Lesnaya Promyshlennost', 10 Jul 52

T. Pugachev, Stakhanovite truck driver of Zhitkovichi Timber Management of Mozyr' Timber Trust, hauled 500 cubic meters of timber in June.

Lesnaya Promyshlennost', 10 Aug 52

The raft construction workers of the In'vensk. Roadstead of Kama Timber Floating Trust have met the challenge of the Kerch raft construction brigades.

Using the VKF-16 machine, the brigade headed by Vaniyev pledged to form into rafts, during the season, 145,000 cubic meters of timber, the brigades headed by Osadchiy and Davydov 140,000 cubic meters, and the brigade headed by Grig-zrovskiy 120,000 cubic meters on the Snetkov machine.

The brigades headed by Osadchiy and Davydov are successfully fulfilling their Stakhanovite norms. Using their machines, they are combining into rafts 2,200-2,300 cubic meters of timber per shift, fulfilling the norm by 125-130 percent.

The brigade headed by V. Koslov at the Sedkyrkichskiy Roadstead using the VKF-16 machine, is forming into rafts 1,870 cubic meters of timber per shift and the brigade headed by Sosnovskiy 1,214 cubic meters per shift.

Lesnaya Promyshlennost', 14 Aug 52

During the 2 years since I. Smirnov began to work as a tractor driver at the Antsiferovskiy Timber Management of Novgorod Timber Trust, his shift has skidded 25,000 cubic meters of timber. Even under the most unfavorable weather conditions, his brigade never skidded less than 60 cubic meters of timber per shift to the loading area. In 1951, the average annual output per tractor was 62 cubic meters per shift with a norm of 32 cubic meters. It is no lower this year. Recently, workers have skidded as much as 120-130 cubic meters of timber per shift.

With the beginning of spring and summer timber-felling operations, a new labor organization has been introduced at the Peskovskiy Timber Management. Four enlarged logging points have been created. Each is manned by two brigades of fellers (three men to a brigade), a brigade of skidders (composed of ten tractor drivers, assistants, and chokermen), and a loading brigade. Each logging point has a PES-12-200 electric power plant, five KT-12 tractors, two winches with a power plant to power them, and a mobile repair shop for immediate repairs in the forest. On the average, each of these logging points produces 400 cubic meters of timber in two 12-hour shifts.

At the Pen'ye jam area on the Severnaya Dvina, the average monthly raft building production of the brigade headed by Vasilii Smirnov exceeded 2,000 cubic meters per shift. On some days, it has even exceeded this average. For example, one day in July, the brigade formed into rafts 1,822 cubic meters of timber during a half-shift. During the last 10 days of July, the brigade headed by Anna Korotka raised the tempo of construction to 2,500 cubic meters of timber per shift, and on the last day of July it formed 3,049 cubic meters of timber into rafts.

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Using the T. Yurchenkov method of labor organization, the brigade headed by T. Semisotov at the Vogul'skiy Timber Management has achieved a 13.5 cubic-meter daily output per worker in the skidding of timber with a TL-3 winch, which compares with the norm of 7.5 cubic meters.

Today, it is not unusual for a brigade, using the VKF-16 machine, to form into rafts 2,300-2,600 cubic meters of timber per shift, and recently on the Severnaya Dvina, the brigade headed by Anna Korotka combined into rafts 3,049 cubic meters during a shift.

Lesnaya Promyshlennost', 31 Aug 52

In each case, the following performances were cited in the original as outstanding.

A. I. Astakhov, locomotive engineer of Tupikovskiy Timber Management of Smolensk Timber Trust, hauled by motor locomotive on a narrow gauge railroad 4,370 cubic meters of timber for a distance of 18 kilometers with an average output per machine shift of 97 cubic meters, or 131 percent of the norm.

The brigade of raft-construction workers at the Maksakovskiy jam area of Vychegda Floating Trust, led by N. I. Pfeyferiy, combined into rafts, using a machine of the Snetkov type, 59,600 cubic meters of timber, with an average output per machine shift of 1,610 cubic meters, or 149 percent of the norm.

E. G. Vshivtsev, electric power plant mechanic of the Pizhemskiy Timber Management of Gor'kdrev Timber Trust supplied with a PES-12-200 electric power plant the current for felling 8,610 cubic meters of timber, with an average output per power plant shift of 99 cubic meters, or 111.3 percent of the norm.

I. S. Zemskov, crane operator of Eriyskiy Timber Management of Buryat-Mongol Timber Trust, loaded on trucks 11,232 cubic meters of timber, with an average output per machine-shift of 170 cubic meters, or 240 percent of the norm.

G. N. Mel'nikov, winch operator of Skorodumskiy Timber Management of Sverdlovsk Timber Trust, loaded by means of a TL-3 winch, on wide-gauge railway cars 10,221 cubic meters of timber, with an average output per machine-shift of 131 meters, or 131 percent of the norm.

I. V. Bushmakina of Lumpovskiy Timber Management of Udmurt Timber Combine hauled on dirt road 792 cubic meters of timber, with an average output per man-day of 14 cubic meters, or 172 percent of the norm.

M. S. Prudovskiy of Semenovskiy Timber Management of Gor'kiy Timber Trust, with his brigade, loaded on wide-gauge railway cars 13,337 cubic meters of timber, with an average output per man-day of 15.6 cubic meters, or 233 percent of the norm.

The sorting brigade of Sukhono-Yugskiy Floating Office of Dvina Floating Trust, led by S. F. Tesalovskiy, sorted 92,500 cubic meters of timber, with an average output per man-day of 75 cubic meters, or 126 percent of the norm.

The continuous complex brigade of Peskovskiy Timber Management of Kirov Timber Trust, led by A. B. Voloskiy, loaded 17,301 cubic meters of timber, with an average output per man-day of 4.4 cubic meters, or 164 percent of the norm.

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